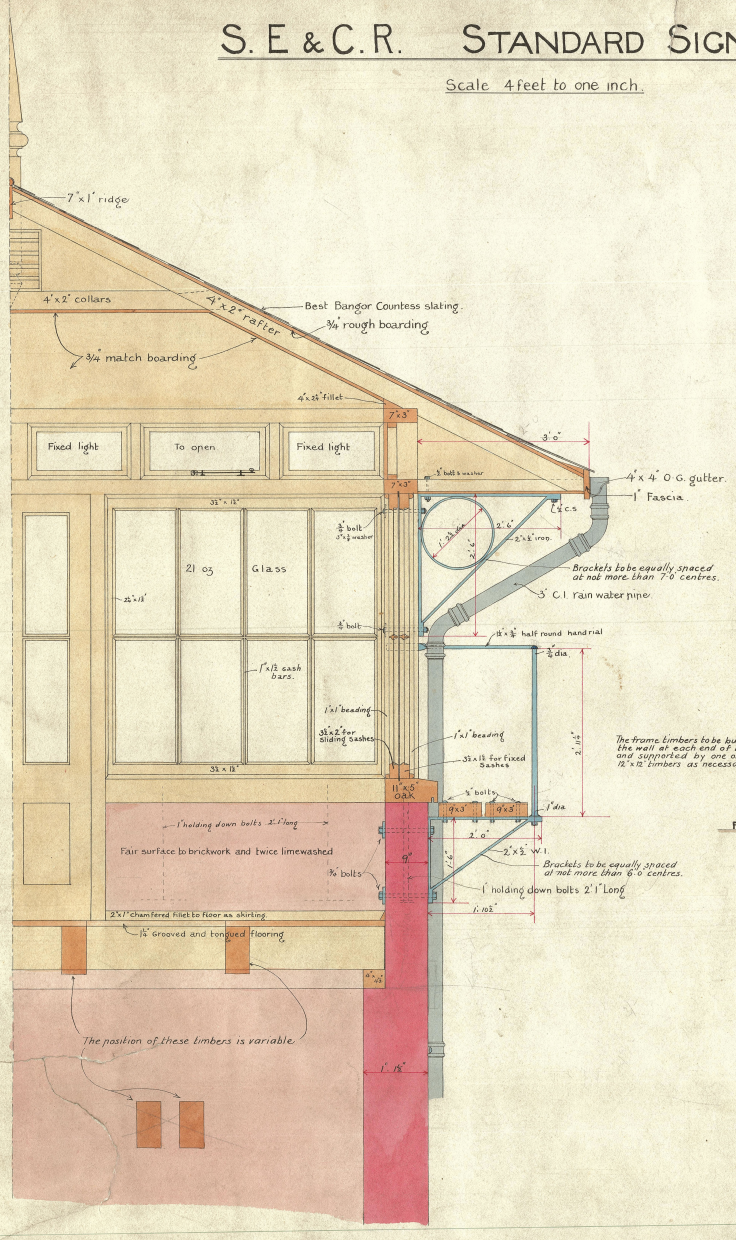
S. E & C. R. STANDARD SIGNAL BOX.

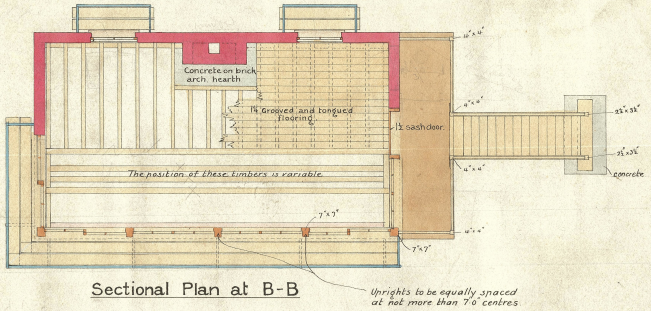
Drawing N°

Scale 4 feet to one inch.



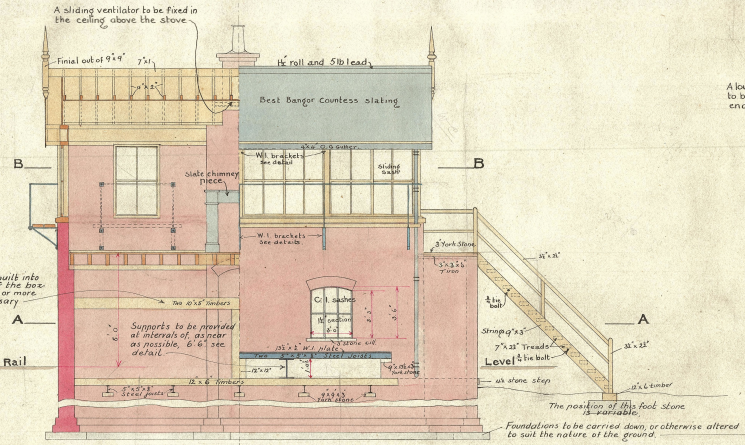
Details of overhanging roof and landing

Scale:- One inch to a foot

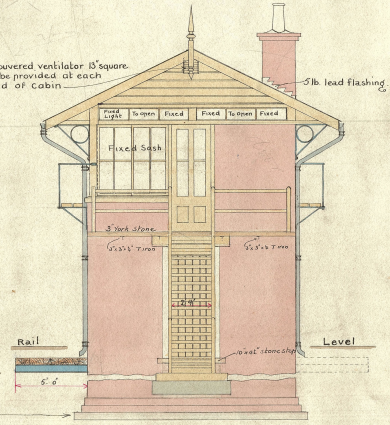

Concrete on brick arch. Hearth
1½" Grooved and tongued flooring
12" sashdoor
The position of these timbers is variable.
Uprights to be equally spaced at not more than 7'0 centres.
concrete

Sectional Plan at B-B

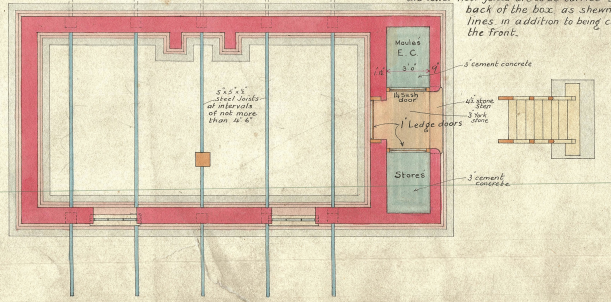
Note:- As a general rule, all Signal boxes are to be 13'0" wide inside.
The inside length is to be obtained by adding 10'0" to the length of the locking frame for frames up to 60 levers, and by adding 15'0" to the length of frames of above 60 levers. No permanent signal box is to be less than 15'0" in length inside.
No departure from this rule will be allowed unless the special circumstances of the site warrant such, in which case the Engineers sanction must first be obtained.
One 5'0"x3'0" sash window to be provided in the back of the Box, placed in such a position as to throw the best light on the Block instruments, in large boxes two such windows to be provided if necessary.
The standard height of the floor above rail level for all signal boxes where a good view can be obtained within station limits, is to be 8'0", where a good view cannot be got the floor is to be adjusted to the height at which the best view is obtained.
The Managing Committee will provide the foundations up to a height of 2'0" below rail level.


A sliding ventilator to be fixed in the ceiling above the stove
Finial out of 9"x9" 7"x1"
1¼" roll and 5lb lead
Best Bangor Countess slating
Slate chimney piece
W.I. brackets see detail
Sliding Sash
B
B
A
A
Rail
Level
3" York Stone
Stringing 7"x3"
7"x22" Treads
1" tie bolt
W.I. brackets see detail
C.I. sashes
Supports to be provided at intervals of as near as possible, 6'6" see detail
The frame timbers to be built into the wall at each end of the box and supported by one or more 12"x12" timbers as necessary
The position of this foot stone is variable.
Foundations to be carried down, or otherwise altered to suit the nature of the ground.

Half section. Half elevation.

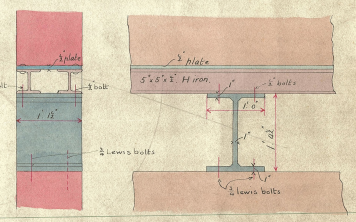


End Elevation.


Note:- Where a signal box is placed between two lines of railway, or, where a better lead off can be obtained by taking the rods and wires out through the back of the box, the lower floor joists are to be carried through the back of the box, as shewn in dotted lines, in addition to being carried through the front.
Modles E.C.
3" cement concrete
5"x2½"x⅝" steel joists at intervals of not more than 4'6"
1½ sash door
4½ stone Step
3 York string
1" Ledge doors
Stores
3" cement concrete

Sectional Plan at A-A

with lower floor removed



Detail of support at opening

Scale:- One inch to a foot.

Engineers Office
London Bridge Station
May 1903

237673